

37 CFR 1.501
 INFORMATION DISCLOSURE STATEMENT
 IN A PATENT
 (use several sheets if necessary)

Docket No.
 P99,0082

Serial No.
 09/286,818

Applicant
 Ream et al.

Filing Date
 April 6, 1999

Group Art Unit
 1761

U.S. PATENT DOCUMENTS

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA	4,154,814	May 15, 1979	Hand et al.			
	AB	4,400,372	Aug. 23, 1983	Muhler et al.			
	AC	4,474,749	Oct. 2, 1984	Kruppa			
	AD	4,563,345	Jan. 7, 1986	Arriek			
	AE	4,647,450	Mar. 3, 1987	Peters et al.			
	AF	4,755,389	July 5, 1988	Jones et al.			
	AG	4,822,597	Apr. 18, 1989	Faust et al.			
	AH	4,822,816	Apr. 18, 1989	Markham			
	AI	4,828,820	May 9, 1989	Glass et al.			
	AJ	4,832,994	May 23, 1989	Fey			
	AK	4,849,227	July 18, 1989	Cho			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	84/02271	June 21, 1984	PCT				
	AM	90/12583	Nov. 1, 1990	PCT				
	AN	92/06680	Apr. 30, 1992	PCT				
	AO	2,706,771	June 21, 1993	France				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	Akitoshi et al., Abstract "Acceleration of Transdermal Absorption of Pharmaceuticals by Essential Oils and Organic Solvents," Chem. Abst., 112:125228t, 1990.
	AQ	Bradford, A Rapid and Sensitive Method for the Quantification of Microgram Quantities of Protein Utilizing the Principle of Protein-Dye Binding, Analytical Biochemistry, 72:248-254 (1976).
	AR	Nielsen et al., P-Glycoprotein as Multidrug Transporter: A Critical Review of Current Multidrug Resistant Cell Lines, Chimica et Biophysica Acta, 1139:169-183 (1992).
	AS	Adams, M.W., d-Alpha Tocopheryl Polyethylene glycol 1000 Succinate (Eastman vitamin E TPGS) as an Emulsifier and Bioenhancer for Drugs and Lipophilic Compounds, 6th International Conference on Pharmaceutical Technology, Paris, 2-4 June, 1992.
	AT	Chang, Tammy et al., "The Effect of Water-Soluble Vitamin E on Cyclosporine Pharmacokinetics in Healthy Volunteers," Abstract in American Society to Clinical Pharmacology and Therapeutics, 57(2):163, Feb. 1995.

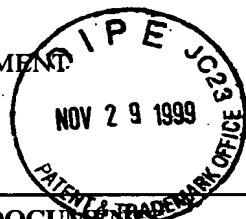
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<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> NOV 29 1999 <small>U.S. PATENT & TRADEMARK OFFICE</small> </div>						Applicant Ream et al.	
						Filing Date April 6, 1999	Group Art Unit 1761
U.S. PATENT DOCUMENTS							
Examiner's Initials	Document Number	Date	Name	Class	Subclass	Filing Date If appropriate	
BA	4,853,212	Aug. 1, 1989	Faust et al.				
BB	4,867,989	Sep. 19, 1989	Silva et al.				
BC	4,908,211	Mar. 13, 1990	Paz				
BD	4,908,212	Mar. 13, 1990	Kwon et al.				
BE	4,929,447	May 29, 1990	Yang				
BF	4,933,184	June 12, 1990	Tsuk				
BG	4,938,963	July 3, 1990	Parnell				
BH	4,944,949	July 31, 1990	Story et al.				
BI	4,968,716	Nov. 6, 1990	Markham				
BJ	5,015,464	May 14, 1991	Strobridge				
BK	5,070,085	Dec. 3, 1991	Markham				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
BL	Hebert, Mary F. et al.; "Bioavailability of Cyclosporine with Concomitant Rifampin Administration is Markedly Less Than Predicted by Hepatic Enzyme Induction" (1992) <i>Clin. Pharmacol. Ther.</i> 52:453-457.						
BM	Kronbach, Thomas et al.; "Oxidation of Midazolam and Triazolam by Human Liver Cytochrome P450IIIA4" (1989) <i>Molec. Pharm.</i> 36:89-96.						
BN	Lalka et al.; "The Hepatic First-Pass Metabolism of Problematic Drugs" (1993) <i>J. Clin. Pharmacol.</i> 33:657-669.						
BO	Lum et al.; "Clinical Trials of Modulation of Multidrug Resistance. Pharmacokinetic and Pharmacodynamic Considerations" (1993) <i>Cancer</i> 72:3502-3514.						
BP	Muranishi, Shozo; "Absorption Enhancers" (1990) <i>Crit. Rev. Ther. Drug Carrier Sys.</i> , 7:1-33.						
BQ	Somberg et al.; "The Clinical Implications of First-Pass Metabolism: Treatment Strategies for the 1990's" (1993) <i>J. Clin. Pharmacol.</i> 33:670-673.						
BR	Tam, Yun K.; "Individual Variation in First-Pass Metabolism" (1993) <i>Clin. Pharmacokinet.</i> 25:300-328.						
BS	Van Hoogdalem et al.; "Intestinal Drug Absorption Enhancement: An Overview" (1989) <i>Pharmacol. Ther.</i> 44:407-443.						
BT	Warren et al.; "Increased Accumulation of Drugs in Multidrug-Resistant Cell Induced by Liposomes" (1992) <i>Cancer Research</i> 52:3241-3245.						
BU	Watkins, Paul B.; "The Role of Cytochromes P-450 in Cyclosporine Metabolism" (1990) <i>J. Am. Acad. Dermatol.</i> 23:1301-1309.						
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<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	CA	5,124,156	June 23, 1992	Shibata et al.			
	CB	5,139,787	Aug. 18, 1992	Broderick et al.			
	CC	5,154,927	Oct. 13, 1992	Song et al.			
	CD	5,156,842	Oct. 20, 1992	Mulligan			
	CE	5,179,122	Jan. 12, 1993	Greene et al.			
	CF	5,182,099	Jan. 26, 1993	Jonsson et al.			
	CG	5,284,657	Feb. 8, 1994	Lu et al.			
	CH	5,294,449	Mar. 15, 1994	Greenberg			
	CI	5,340,566	Aug. 23, 1994	Curtis et al.			
	CL	5,378,131	Jan. 3, 1995	Greenberg			
	CK	5,380,530	Jan. 10, 1995	Hill			
	CL	5,380,535	Jan. 10, 1995	Geyer et al.			
	CM	5,410,028	Apr. 25, 1995	Asami et al.			
	CN	5,445,834	Aug. 29, 1995	Burger et al.			
	CO	5,455,286	Oct. 3, 1995	Amidon et al.			
	CP	5,488,962	Feb. 6, 1996	Perfetti			
	CQ	5,496,541	Mar. 5, 1996	Cutler			
	CR	5,512,306	Apr. 30, 1996	Carlsson et al.			
	CS	5,534,272	July 9, 1996	Bernstein			
	CT	5,554,380	Sept. 10, 1996	Cuca et al.			
	CU	5,571,528	Nov. 5, 1996	Lee et al.			
	CV	5,585,110	Dec. 17, 1996	Kalili et al.			

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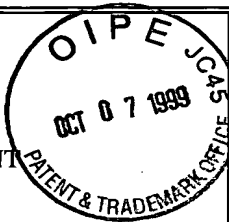
	CW	Wrighton et al.; "In Vitro Methods for Assessing Human Hepatic Drug Metabolism: Their Use in Drug Development" (1993) 25:453-484.
	CX	Wu et al.; "Use of IV and Oral Drug Levels from Cyclosporine (CsA) with Concomitant Rifampin to Differentiate Gut Absorption and Metabolism" (1993) <i>Pharm. Res.</i> 10:abstract ppdm8185.
	CY	Zamora et al.; "Physical-Chemical Properties Shared by Compounds that Modulate Multidrug Resistance in Human Leukemic Cells" (1988) <i>Molec. Pharmacol.</i> 33:454-462.

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U.S. PATENT DOCUMENTS					TRADEMARKS			
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate	
	DA	5,593,685	Jan. 14, 1997	Bye et al.				
	DB	5,605,698	Feb. 25, 1997	Ueno				
	DC	5,618,517	Apr. 8, 1997	Miskewitz				
	DD	5,628,986	May 13, 1997	Sanker et al.				
	DE	5,629,035	May 13, 1997	Miskewitz				
	DF	5,645,853	July 8, 1997	Winston et al.				
	DG	5,665,386	Sept. 9, 1997	Benet et al.				
	DH	5,667,802	Dec. 16, 1997	Grimberg				
	DI	5,693,334	Dec. 2, 1997	Miskewitz				
	DI	5,698,215	Dec. 16, 1997	Kalili et al.				
	DK	5,702,687	Dec. 30, 1997	Miskewitz				
	DL	5,716,928	Feb. 10, 1998	Benet et al.				
	DM	5,736,175	Apr. 7, 1998	Cea et al.				
	DN	5,744,164	Apr. 28, 1998	Chauffard et al.				
	DO	5,753,255	May 19, 1998	Chavkin et al.				
	DP	5,736,074	May 26, 1998	Ascione et al.				
	DQ	5,824,291	Oct. 20, 1998	Howard				
	DR	5,866,179	Feb. 2, 1999	Testa				
	DS	5,882,702	Mar. 16, 1999	Abdel-Malik et al.				
	DT	5,900,230	May 4, 1999	Cutler				
	DU	5,912,030	June 15, 1999	Huziinec et al.				
	DV	5,922,346	July 13, 1999	Hersh				
	DW	5,958,380	Sept. 28, 1999	Winston et al.				
	DX	5,958,472	Sept. 28, 1999	Robinson et al.				
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LIST OF ART CITED BY APPLICANT (use several sheets if necessary)				Applicant Ream et al.		Filing Date April 6, 1999	Group Art Unit 1761	
U.S. PATENT DOCUMENTS								
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate	
S.T.	AA	1,298,670	Apr. 1, 1919	Cramer	-			
	AB	1,629,461	May 17, 1927	Berg et al.	-			
	AC	2,892,753	June 30, 1959	Schmidt et al.	-			
	AD	2,990,328	June 27, 1961	Lincoln	-			
	AE	3,011,949	Dec. 5, 1961	Bilotti	-			
	AF	3,029,189	Apr. 10, 1962	Hardy, Jr. et al.				
	AG	3,047,491	July 31, 1962	Hardy, Jr. et al.				
	AH	3,075,884	Jan. 29, 1963	Bilotti et al.	-			
	AI	3,196,172	July 20, 1965	Wright, Jr. et al.	-			
	AJ	3,308,022	Mar. 7, 1967	Cummings et al.	-			
	AK	3,498,964	Mar. 3, 1970	Hayashi	-			
	AL	3,590,057	June 29, 1971	Suzuki et al.	-			
	AM	3,845,217	Oct. 29, 1974	Ferno et al.	-			
	AN	3,877,468	Apr. 15, 1975	Lichtneckert et al.	-			
	AO	3,901,248	Aug. 26, 1975	Lichtneckert et al.	-			
	AP	4,238,475	Dec. 9, 1980	Witzel et al.	-			
	AQ	4,512,968	Apr. 23, 1985	Komiyama et al.	-			
	AR	4,639,368	Jan. 27, 1987	Niazi et al.	-			
	AS	4,711,774	Dec. 8, 1987	Denick, Jr. et al.	-			
	AT	4,716,033	Dec. 29, 1987	Denick, Jr.	-			
	AU	4,737,366	Apr. 12, 1988	Gergely et al.	-			
	AV	4,753,805	June 28, 1988	Cherukuri et al.	-			
	AW	4,758,424	July 19, 1988	Denick, Jr. et al.	-			
	AX	4,835,162	May 30, 1989	Abood	-			
	AY	4,894,234	Jan. 16, 1990	Sharma et al.	-			
	ST	AZ	4,929,508	May 29, 1990	Sharma et al.	-		
Examiner		S.T.		Date Considered				10/17/90
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S.T.	BA	4,935,242	June 19, 1990	Sharma et al. -			
	BB	4,963,369	Oct. 16, 1990	Song et al. -			
	BC	4,971,079	Nov. 20, 1990	Talapin et al. -			
	BD	4,971,787	Nov. 20, 1990	Cherukuri et al. -			
	BE	4,975,270	Dec. 4, 1990	Kehoe -			
	BF	5,456,677	Oct. 10, 1995	Spector -			
	BG	5,487,902	Jan. 30, 1996	Andersen et al. -			
	BH	5,494,685	Feb. 27, 1996	Tyrpin et al. -			
	BI	5,580,590	Dec. 3, 1996	Hartman -			
	BJ	5,582,855	Dec. 10, 1996	Cherukuri et al. -			
	BK	5,607,697	Mar. 4, 1997	Alkire et al. -			
	BL	5,711,961	Jan. 27, 1998	Reiner et al. -			
	BM	5,834,002	Nov. 10, 1998	Athanikar -			
	BN	5,846,557	Dec. 8, 1998	Eisenstadt et al. -			
	BO	5,877,173	Mar. 2, 1999	Olney et al.			
	BP	5,889,029	Mar. 30, 1999	Rolf			
	BQ	5,897,891	Apr. 27, 1999	Godfrey			
	BR	5,912,007	June 15, 1999	Pan et al.			
	BS	5,916,606	June 29, 1999	Record et al.			
	BT	5,922,347	July 13, 1999	Hausler et al.			
S.T.	BU	5,928,664	July 27, 1999	Yang et al.			

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
S.T.	BV	2181646A	Apr. 29, 1987	United Kingdom	II			
S.T.	BW	0202819A2	Nov. 26, 1986	Europe	II		X	

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S.T	AA	4,386,063	May 31, 1983	Boden			
	AB	4,452,821	June 5, 1984	Gergely			
	AC	4,533,556	August 6, 1985	Piccolo et al.			
	AD	4,753,800	June 28, 1988	Mozda			
S.T	AE	5,126,151	June 30, 1992	Bodor et al.			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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